

(3) Each tablet contains 250 milligrams (mg) sulfachlorpyridazine.

(b) *Sponsor*. See No. 000010 in § 510.600(c) of this chapter.

(c) *Related tolerances*. See § 556.630 of this chapter.

(d) *Conditions of use*. It is used as follows:

(1) *Calves*—(i) *Amount*. Administer 30 to 45 mg sulfachlorpyridazine powder per pound (lb) of body weight per day in milk or milk replacer, or in a bolus, in divided doses twice daily for 1 to 5 days.

(ii) *Indications for use*. For the treatment of diarrhea caused or complicated by *Escherichia coli* (colibacillosis).

(iii) *Limitations*. Treated ruminating calves must not be slaughtered for food during treatment or for 7 days after the last treatment. A withdrawal period has not been established for this product in preruminating calves. Do not use in calves to be processed for veal.

(2) *Swine*—(i) *Amount*. Administer 20 to 35 mg/lb body weight per day, in divided doses twice daily for 1 to 5 days:

(A) In drinking water or

(B) For individual treatment, in an oral suspension containing 50 mg per milliliter.

(ii) *Indications for use*. For the treatment of diarrhea caused or complicated by *E. coli* (colibacillosis).

(iii) *Limitations*. Treated swine must not be slaughtered for food during treatment or for 4 days after the last treatment.

(3) *Dogs*—(i) *Amount*. Administer tablets orally at 500 mg per 10 to 15 lb of body weight daily, in two or three divided doses.

(ii) *Indications for use*. As an aid in the treatment of infectious tracheobronchitis and infections caused by *E. coli*, and in the treatment of infections caused by other Gram-positive and Gram-negative organisms that are susceptible to sulfonamide therapy.

(iii) *Limitations*. Federal law restricts this drug to use only by or on the order of a licensed veterinarian.

[75 FR 10166, Mar. 5, 2010]

§ 520.2215 Sulfadiazine/pyrimethamine suspension.

(a) *Specifications*. Each milliliter (mL) of suspension contains 250 milligrams (mg) sulfadiazine (as the sodium salt) and 12.5 mg pyrimethamine.

(b) *Sponsor*. See No. 055246 in § 510.600(c) of this chapter.

(c) *Conditions of use in horses*—(1) *Amount*. Administer orally 20 mg sulfadiazine per kilogram (kg) body weight and 1 mg/kg pyrimethamine daily.

(2) *Indications for use*. For the treatment of equine protozoal myeloencephalitis (EPM) caused by *Sarcocystis neurona*.

(3) *Limitations*. Do not use in horses intended for human consumption. Federal law restricts this drug to use by or on the order of a licensed veterinarian.

[69 FR 70054, Dec. 2, 2004, as amended at 73 FR 53686, Sept. 17, 2008; 75 FR 69586, Nov. 15, 2010]

§ 520.2218 Sulfamerazine, sulfamethazine, and sulfaquinoxaline powder.

(a) *Specifications*. Each 195-gram (g) packet of powder contains 78 g sulfamerazine, 78 g sulfamethazine, and 39 g sulfaquinoxaline.

(b) *Sponsor*. See No. 046573 in § 510.600(c) of this chapter.

(c) *Related tolerances*. See §§ 556.670 and 556.685 of this chapter.

(d) *Conditions of use*—(1) *Chickens*—(i) *Amounts and indications for use*—(A) As an aid in the control of coccidiosis caused by *Eimeria tenella* and *E. necatrix* susceptible to sulfamerazine, sulfamethazine, and sulfaquinoxaline: provide medicated water (0.4 percent solution) for 2 to 3 days, then plain water for 3 days, then medicated water (0.25 percent solution) for 2 days. If bloody droppings appear, repeat at 0.25 percent level for 2 more days. Do not change litter.

(B) As an aid in the control of acute fowl cholera caused by *Pasteurella multocida* susceptible to sulfamerazine, sulfamethazine, and sulfaquinoxaline: provide medicated water (0.4 percent solution) for 2 to 3 days. If disease recurs, repeat treatment.

(ii) *Limitations*. Make fresh solution daily. Do not treat chickens within 14 days of slaughter for food. Do not

medicate chickens producing eggs for human consumption.

(2) *Turkeys*—(i) *Amounts and indications for use*—(A) As an aid in the control of coccidiosis caused by *Eimeria meleagritidis* and *E. adenoeides* susceptible to sulfamerazine, sulfamethazine, and sulfaquinoxaline: provide medicated water (0.25 percent solution) for 2 days, then plain water for 3 days, then medicated water (0.25 percent solution) for 2 days, then plain water for 3 days, then medicated water (0.25 percent solution) for 2 days. Repeat if necessary. Do not change litter.

(B) As an aid in the control of acute fowl cholera caused by *Pasteurella multocida* susceptible to sulfamerazine, sulfamethazine, and sulfaquinoxaline: provide medicated water (0.4 percent solution) for 2 to 3 days. If disease recurs, repeat treatment.

(ii) *Limitations*. Make fresh solution daily. Do not treat turkeys within 14 days of slaughter for food. Do not medicate turkeys producing eggs for human consumption.

[71 FR 13001, Mar. 14, 2006]

§ 520.2220 Sulfadimethoxine oral dosage forms.

§ 520.2220a Sulfadimethoxine oral solution and soluble powder.

(a) *Approvals*. (1) For oral solution containing 12.5 percent (3.75 grams per ounce) sulfadimethoxine, see Nos. 000010, 000069, 000859, 054925, and 057561 in § 510.600(c).

(2) For soluble powder, each 107 grams contain the equivalent of 94.6 grams of sulfadimethoxine (as the sodium salt); see Nos. 000069, 054925, 057561, 058829, 061623, and 066104 in § 510.600(c) of this chapter.

(b) *Special considerations*. Federal law prohibits the extralabel use of this product in lactating dairy cattle.

(c) *Related tolerances*. See § 556.640 of this chapter.

(d) *Conditions of use*. The oral solution is administered as a cattle drench or diluted as directed to prepare drinking water. The powder is used to prepare a drench or drinking water. The concentrations and uses of the various solutions are as follows:

(1) *Broiler and replacement chickens only*—(i) *Amount*. 1.875 (0.05 percent) grams per gallon.

(ii) *Indications for use*. Treatment of disease outbreaks of coccidiosis, fowl cholera, and infectious coryza.

(iii) *Limitations*. Administer for 6 consecutive days; do not administer to chickens over 16 weeks of age; as sole source of drinking water and sulfonamide medication; as sulfadimethoxine solution or sulfadimethoxine soluble sodium salt; withdraw 5 days before slaughter.

(2) *Meat-producing turkeys only*—(i) *Amount*. 0.938 (0.025 percent) grams per gallon.

(ii) *Indications for use*. Treatment of disease outbreaks of coccidiosis and fowl cholera.

(iii) *Limitations*. Administer for 6 consecutive days; do not administer to turkeys over 24 weeks of age; as sole source of drinking water and sulfonamide medication; as sulfadimethoxine solution or sulfadimethoxine soluble sodium salt; withdraw 5 days before slaughter.

(3) *Dairy calves, dairy heifers, and beef cattle only*—(i) *Amount*. 1.18 to 2.36 (0.031 to 0.062 percent) grams per gallon.

(ii) *Indications for use*. For the treatment of shipping fever complex and bacterial pneumonia associated with *Pasteurella* spp. sensitive to sulfadimethoxine; and calf diphtheria and foot rot associated with *Fusobacterium necrophorum* (*Sphaerophorus necrophorus*) sensitive to sulfadimethoxine.

(iii) Administer 2.5 grams per 100 pounds of body weight for first day, then 1.25 grams per 100 pounds of body weight per day for the next 4 consecutive days; in drinking water or drench; available as a sulfadimethoxine soluble powder or a 12.5 percent sulfadimethoxine sodium solution (3.75 grams sulfadimethoxine per fluid ounce); if no improvement within 2 to 3 days, reevaluate diagnosis; do not treat beyond 5 days; withdraw 7 days before slaughter. A withdrawal period has not been established for this product in